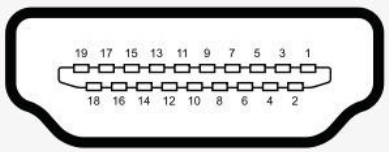
Technical Specifications

Video	
Video Amplifier Bandwidth	1.65 gBPS
Input Video Signal	1.2 volts
Input DDC Signal	5 volts
Single Link Range	1080p
HDMI Connector	HDMI Type A 19 pin female
Control	
	2 front panel buttons
Power	
Power Supply	5VDC-2A
Physical	
Dimensions	12″W x 1.75″H x 7″D
Weight	4.05 lbs.



Type A (Female) HDMI

Pin 1	TMDS Data2+
Pin 2	TMDS Data2 Shield
Pin 3	TMDS Data2–
Pin 4	TMDS Data1+
Pin 5	TMDS Data1 Shield
Pin 6	TMDS Data1–
Pin 7	TMDS Data0+
Pin 8	TMDS Data0 Shield
Pin 9	TMDS Data0–
Pin 10	TMDS Clock+
Pin 11	TMDS Clock Shield
Pin 12	TMDS Clock–
Pin 13	CEC
Pin 14	Reserved (N.C. on device)
Pin 15	SCL
Pin 16	SDA
Pin 17	DDC/CEC Ground
Pin 18	+5 V Power (max 50 mA)
Pin 19	Hot Plug Detect

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For the complete manual, visit www.smartavi.com.

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

User Manual

HDMI Router 4x4

Display content from any four computers on any four screens independently.

www.smartavi.com

Introduction

Our non-blocking matrix switch provides an easy and dynamic approach to creating multiple computer stations, each having the ability of accessing any one of the CPU's or displays instantly.

The SmartAVI HDMI 4x4 router provides single-link HDMI operation at the maximum TMDS rate of 2 x 1.65 Gb/sec. at resolutions up to 1080p and 1920x1200. The HDMI signals can be transmitted through 50 feet of copper at the maximum TMDS rate on both the input and output sides of the switch.

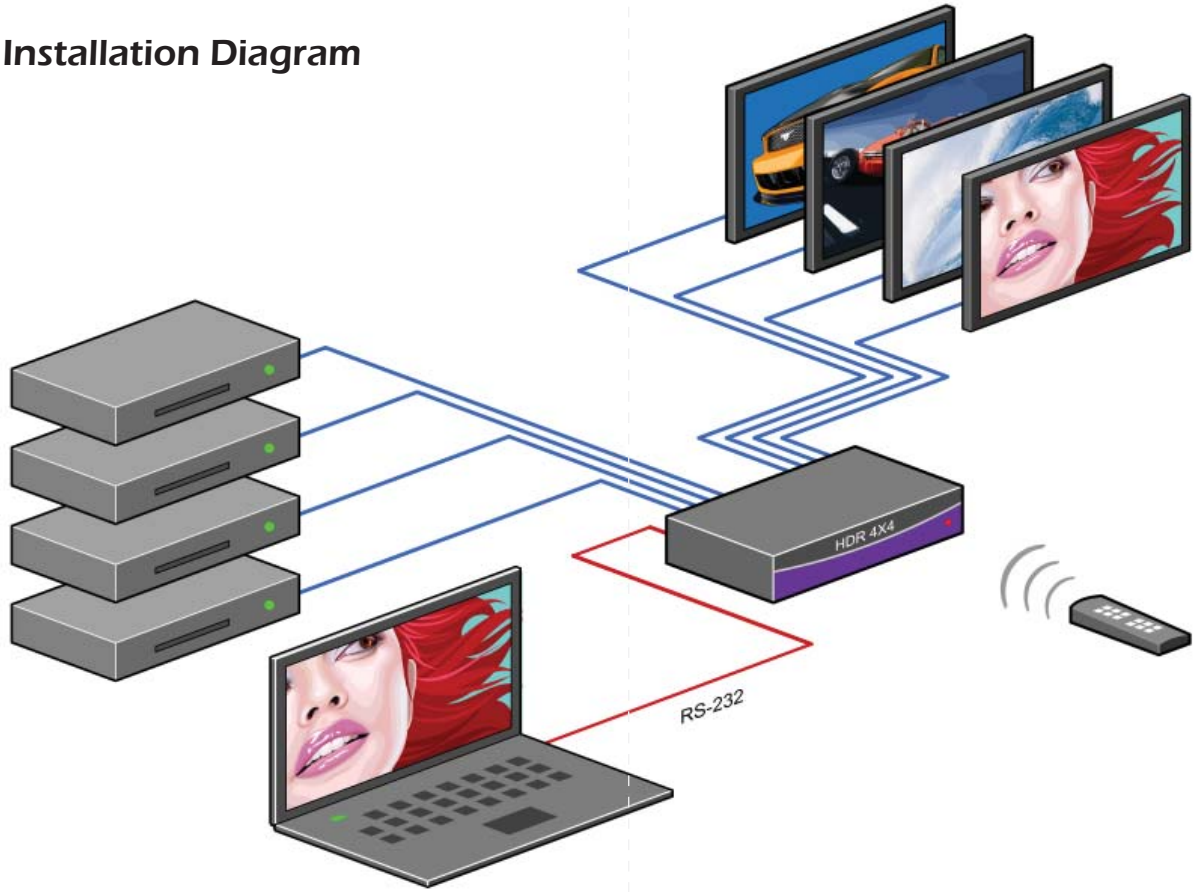
Features

- Increases your productivity by providing you with access to four computers from four workstations.
- 4x4 non-blocking, single-link HDMI matrix switch.
- Supports HDMI operation at the maximum TMDS rate of 2 x 1.65 Gb/s.
- Supports resolutions up to 1080p, 2K, and 1920 x 1200.
- Simultaneous 4x4 analog matrix switching at 380 MHz bandwidth.
- HDMI transmission over 50 feet at the highest TMDS rate of 1.65 Gb/s.
- Control from front panel.

What's in the box?

Description	Qty	Part Number
4x4 HDMI Matrix	1	HDMI4X4
5VDC 2A Power Supply	1	PS-5V1A-US
Optional		
HDMI Cable	1	CCHDMIMM06

Installation Diagram

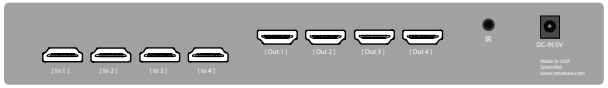


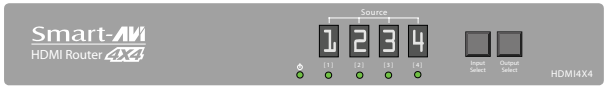
HDMI 4x4 Router Installation Diagram

Connecting The HDMI Router

1. Connect the HDMI male extension cable between the PC's and the 'video in' port of the HDMI router.
2. Connect the HDMI cables between the monitors and the "HDMI out" ports of router.
3. Connect the power cord and turn on the router.
4. Turn on the PC's and monitors.

Back





Front